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Litigation

5,602,844

STIC Searcher Pamela Reynolds Phone _____
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DATABASES Searched _____ TEXT _____ LITIGATION ☒
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Query/Command : PRT SS 1 MAX 1 LEGALALL

1 / 1 . PLUSPAT - ©QUESTEL-ORBIT - image**Patent Number :** US5602811 A 19970211 [US5602811]**Title :**

(A) Musical information recording and reproducing technique for use with a recording medium having a UTOC area

Patent Assignee :

(A) YAMAHA CORP (JP)

Patent Assignee :

Yamaha Corporation, Hamamatsu [JP]

Inventor(s) :

(A) OGUSU MIKIO (JP); FUJIWARA KAZUNOBU (JP); TANAKA KEI (JP)

Application Nbr :

US51037795 19950802 [1995US-0510377]

Priority Details :

JP21065894 19940811 [1994JP-0210658]

JP24051994 19940908 [1994JP-0240519]

Intl Patent Class :

(A) G11B-007/00

IPC Advanced All :

G10H-001/00 [2006-01 A - I R M EP]; G11B-027/034 [2006-01 A - I R M EP]; G11B-027/10 [2006-01 A - I R M EP]; G11B-027/32 [2006-01 A - I R M EP]; G11B-027/36 [2006-01 A - I R M EP]

G11B-007/0037 [2006-01 A - N R M EP]

IPC Core All :

G10H-001/00 [2006 C - I R M EP]; G11B-027/031 [2006 C - I R M EP]; G11B-027/10 [2006 C - I R M EP]; G11B-027/32 [2006 C - I R M EP]; G11B-027/36 [2006 C - I R M EP]

G11B-007/00 [2006 C - N R M EP]

EPO ECLA Class :

G10H-001/00M

G10H-001/00R2

G11B-027/034

G11B-027/10A1

G11B-027/32D2

G11B-027/36

US Patent Class :

ORIGINAL (O) : 369030050; CROSS-REFERENCE (X) : 084624000 084668000

369030070 369030250 369030370 369047280 369084000 369124060 369124140

Document Type :

Basic

Citations :


US5194682

Publication Stage :

(A) United States patent

Abstract :

There is generated a rhythm corresponding to a designated tempo and meter of a music piece to be recorded. Performance of a musical instrument is started at specific timing according to the generated rhythm, and the musical information resulting from the performance is recorded onto an MD (Mini Disk). The address on the MD read out when the performance of the music piece is started is retrieved as a start address of the music piece. After the recording, the retrieved start address is recorded onto the UTOC (User's-table-of-contents) area of the disk along with the designated tempo and meter. By reading out the start address, tempo and meter to calculate a measure number and start address of a desired measure on the basis of the read out information, display of a measure number being currently reproduced and quick access to the starting point of any desired measure can be achieved. In applications where plural channels are involved, part information indicative of performance parts assigned and recorded on the individual recording channels is also recorded onto the UTOC area. When necessary, the part information is visually displayed. In ping-pong recording, performance parts to be mixed are additively synthesized on the basis of the recorded part information and then recorded onto the UTOC area as part information for a channel where the mixed output is to be recorded.

1 / 1 LGST - ©EPO**Patent Number :** US5602811 A 19970211 [US5602811]**Application Number :**

US51037795 19950802 [1995US-0510377]

Action Taken :

19950802 US/AS02-A

ASSIGNMENT OF ASSIGNOR'S INTEREST

OWNER: YAMAHA CORPORATION 10-1, NAKAZAWA-CHO, HAMAMATSU-S;

EFFECTIVE DATE: 19950725

19950802 US/AS02-A

ASSIGNMENT OF ASSIGNOR'S INTEREST

OWNER: OGUSU, MIKIO; EFFECTIVE DATE: 19950725

19950802 US/AS02-A

ASSIGNMENT OF ASSIGNOR'S INTEREST

OWNER: FUJIWARA, KAZUNOBU; EFFECTIVE DATE: 19950725

19950802 US/AS02-A

ASSIGNMENT OF ASSIGNOR'S INTEREST

OWNER: TANAKA, KEI; EFFECTIVE DATE: 19950725

19990406 US/RF-A

REISSUE APPLICATION FILED


EFFECTIVE DATE: 19990210

Update Code :

2003-22

1 / 1 CRXX - ©CLAIMS/RRX

Patent Number :

 5,602,811 A 19970211 [US5602811]

Patent Assignee :

Yamaha Corp JP

Actions :

19990210 REISSUE REQUESTED

Issue Date of O.G.: 19990406

Reissue Request Number: 09/247895

Examination Group responsible for Reissue process: 2753

Search statement 2

February 11, 1997

Musical information recording and reproducing technique for
use with a recording medium having a UTOC area

REISSUE: February 10, 1999 - Reissue Application filed Gp. Ex.: 2753; Re. S.N.
09/247,895 (O.G. April 6, 1999)

INVENTOR: Ogusu, Mikio - Hamamatsu, Japan (JP); Fujiwara, Kazunobu - Hamamatsu,
Japan (JP); Tanaka, Kei - Hamamatsu, Japan (JP)

APPL-NO: 510377 (08)

FILED-DATE: August 2, 1995

GRANTED-DATE: February 11, 1997

PRIORITY: August 11, 1994 - 6210658, Japan (JP); September 8, 1994 - 6240519,
Japan (JP)

ASSIGNEE-PRE-ISSUE: August 2, 1995 - ASSIGNMENT OF ASSIGNORS INTEREST (SEE
DOCUMENT FOR DETAILS)., YAMAHA CORPORATION 10-1, NAKAZAWA-CHO,
HAMAMATSU-SHISHIZUOKA-KEN, (1), Reel and Frame Number: 007616/0744

ASSIGNEE-AT-ISSUE: Yamaha Corporation, Hamamatsu, Japan (JP), Foreign company or
corporation (03)

LEGAL-REP: Loeb & Loeb LLP

PUB-TYPE: February 11, 1997 - Utility Patent having no previously published
pre-grant publication (A)

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US-MAIN-CL: 369#30.05

US-ADDL-CL: 84#624, 84#668, 369#30.07, 369#30.25, 369#30.37, 369#47.28, 369#84,
369#124.06, 369#124.14

CL: 369, 84

SEARCH-FLD: 369#54, 369#47, 369#48, 369#49, 369#50, 369#59, 369#58, 369#124,
369#32, 360#32, 360#48, 84#624, 84#625, 84#635, 84#636, 84#634, 84#639, 84#651,
84#652

5,602,811 OR 5602811

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